

IN THE CLAIMS

Please amend the claims in the present application as follows:

1. (Cancelled)
2. (Original) A method for controlling fluid flow to and from an eye during ophthalmic surgery, said method composing the steps of:
  - introducing irrigation fluid into an eye;
  - determining initial irrigation fluid pressure;
  - adjusting aspiration fluid flow based on the determined initial irrigation fluid pressure;
  - continuously determining irrigation fluid pressure after the initial determination; and
  - continuously adjusting aspiration fluid flow based on the continuous determination of irrigation fluid pressure.
3. (Cancelled)
4. (Cancelled)
5. (Currently Amended) The method according to ~~any one of claims 1, claim 2 or 3~~ where the step of initially determining irrigation fluid pressure and continuously measuring irrigation fluid pressure includes determining in-line irrigation pressure.
6. (Original) The method according to claim 2 wherein the step of adjusting aspiration fluid flow includes setting a maximum aspiration vacuum pressure as a function of determined irrigation fluid pressure.

7. (Original) The method according to claim 6 wherein the function is linear.

Claims 8-22 cancelled

23. (New) The method according to claim 2 further comprising the step of using a change in irrigation fluid pressure to provide an indication of wound leaking.